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I. Amendments to the Specification

Please replace paragraphs [0026], [0027] and [0028] with the following amended paragraphs:

[0026] Fig. 2 shows a heating heat exchanger 3 with integrated gas cooler/condenser. The heating heat exchanger 3 includes coolant tubes 6 and refrigerant tubes 7 alternatingly arranged side by side, which are parallelly passed by the air to be heated. Between the coolant tubes 6 and refrigerant tubes 7 cellular blocks 11 are provided, which enlarge the heat exchanger surface. In the example of the shown embodiment [[shown the]] a unit 8, having coolant and refrigerant distributor and collector regions 9, 10, is [[are]] placed at the [[heat]] head of the heating heat exchanger 3. As used herein, the [[The]] term collector unit 8, ~~or collector region respectively, is, with the corresponding function in reversed sense,~~ is also meant to include a ~~as~~ distributor[[,]] or distributor region correspondingly functioning in the reverse sense of the corresponding collector region, ~~respectively, without special reference~~.

Please replace paragraph [0027] with the following amended paragraph:

[0027] In the example shown, the coolant ~~and similarly the refrigerant~~ of the coolant circuit 1, and in a similar manner the refrigerant of the refrigerant circuit 2, are distributed by the unit 8. The coolant in [[the coolant collector region or]] a coolant distributor region 9a is circulated [[of the distributor unit]] into the coolant tubes 6, [[pass]] passes through the coolant tubes 6 thereby dissipating heat to the cellular

blocks 11 in thermal contact with the coolant tubes 6 and heating the air to be heated 5. In the redirection region 14 of the coolant tubes 6 [[it]] the coolant is redirected by 180° and flows in the opposite direction back to the coolant collector region 9, where the coolant is collected and passed on. The refrigerant in a refrigerant distributor region 10a flows into refrigerant tubes 7 and through a similar 180° redirection ~~of the refrigerant takes place similarly~~ in the helix-shaped redirection region 12 of the refrigerant tubes 7 before returning to the refrigerant collector region 10.

Please replace paragraph [0028] with the following amended paragraph:

[0028] In Fig. 3 ~~a collector~~ the unit 8 for a heating heat exchanger 3 with separate collector and distributor ~~units~~ regions is shown. The ~~collector~~ unit 8 has a coolant collector region 9 and a refrigerant collector region 10 with the refrigerant collector region 10 partly surrounded by the coolant collector region 9. The coolant tubes 6, configured as flat tubes, lead into the coolant collector region 9 of the ~~collector~~ unit 8. The refrigerant tubes 7, configured as flat tubes with channels for the refrigerant, penetrate the coolant collector region 9 and lead into the refrigerant collector region 10, which is separated from the coolant collector region 9, within the ~~collector~~ unit 8. According to the shown preferred embodiment of the invention, two layers of coolant tubes 6 and refrigerant tubes 7 are provided in each case, whereby the refrigerant tubes 7 are only arranged within one layer of the coolant tubes 6.